

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/588604	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/15 10:29
L2	358721	(IMPURITY IMPURITIES CONTAMINANT CONTAMINATION ION) NEAR5 (FILTER\$4 REMOV \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 10:29
L3	352766	2 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 10:29
L4	5955	2 not 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 10:30
L7	1004	2 not 3	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 10:30
L8	65	429/34.ccls.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/15 10:30
S3	1	10/588604	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/02 16:27
S4	9	"2000090948" "60119081" "2002313404"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:43
S5	112900	ION NEAR5 (FILTER\$4 REMOV\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:53

S6	347984	(IMPURITY IMPURITIES CONTAMINANT CONTAMINATION ION) NEAR5 (FILTER\$4 REMOV \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:53
S7	342406	S6 NOT (FUEL ADJ (CELL BATTERY))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:54
S8	268	S7 AND (S5 WITH (HYDROPHOBIC\$4 ((WATER MOISTURE) NEAR1 (REPEL\$5 RESISTA\$4 RESISTI \$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:55
S9	268	S8 NOT (FUEL ADJ (CELL BATTERY))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:56
S10	2495	S7 AND ((ION ADJ EXCHANG\$4) WITH (HYDROPHOBIC\$4 ((WATER MOISTURE) NEAR1 (REPEL\$5 RESISTA\$4 RESISTI \$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:57
S11	16238	((ION ADJ EXCHANG\$4) WITH (HYDROPHOBIC\$4 ((WATER MOISTURE) NEAR1 (REPEL\$5 RESISTA\$4 RESISTI \$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:57
S12	15853	S11 NOT (FUEL ADJ (CELL BATTERY))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:57
S13	385	S11 NOT S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 16:57

S14	2	"20070259241"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:27
S15	1	2005-619224.NRAN.	DERWENT	OR	ON	2009/09/02 17:27
S16	11	"08507405" "11147015" "2001025623" "07265634"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:29
S17	1	"08507405"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:30
S18	2	"5366818".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:31
S19	1	S18 AND ION	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:31
S20	4	"2003007520"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:33
S21	4	"2003077520"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:33
S22	307548	(remov\$4 scrub\$4 filter \$3 filtrat\$4 exchang\$4) near3 ion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:55

S23	578676	recirculat\$4 recyl\$4 unused unreacted	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:55
S24	966771	exhaust effluent (tail adj gas\$4) tail-gas\$4 tailgas \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:56
S25	7022	S22 with (S23 S24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:56
S26	6802	S25 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:56
S27	220	S25 not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 17:56
S28	0	S1 and "15"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:04
S29	18	taper\$4 near5 (ion adj exchang\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:24
S30	3088225	ion impurit\$3 contaminant contaminat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:25
S31	472955	S30 near5 (remov\$4 separat\$4 filter\$3 filtr\$4 extract\$4 expung\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:26

S32	474	S31 with taper\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:27
S33	472	S32 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:27
S34	2	S32 not S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:27
S35	6	("3184064"   "4287057"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:29
S36	464528	S31 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:30
S37	8427	S31 not S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:30
S38	1358	S31 not S36	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:30
S39	420	S38 and (ion adj exchang \$4)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:33
S40	3102	(ion adj exchang\$) near2 (filter scrubber)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:36

S41	2946	S40 not (fuel adj (Cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:36
S42	156	S40 not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/02 18:36
S43	599260	(remov\$4 scrub\$4 filter \$3 filtrat\$4 exchang\$4 decontamin\$7 extract\$4) near5 (impurities ion impurity contaminant contaminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:29
S44	9759	S43 and (h01m8\$.ipcr. h01m008\$.ipc.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:30
S45	7855	S44 and (ion adj exchang \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:30
S46	4482	S45 not us.pc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:30
S47	2233	S44 and (ion adj ("exchange resin" exchanger!))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:31
S48	1389	S47 not us.pc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:31
S49	16218	S43 with (exhaust recirculat\$4 unused recycl \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:31

S50	15789	S49 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:32
S51	429	S49 not S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:32
S52	151	S51 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:32
S53	11	("20040028971"   "20070259241"   "5488184"   "6211419"   "6448456"   "6663993"   "6673482"   "6756462"   "7097763"   "7261816"   "7300719").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 09:35
S54	251758	(gas near1 liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:46
S55	23937	S54 near1 separat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:46
S56	44	S55 with (ion adj ("exchange resin" exchanger!))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:46
S57	3	"9410716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:49

S58	2	"5366818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:50
S59	3	"2002216612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:51
S60	2	"2002216812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:51
S61	2	"20020094467"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:52
S62	0	S61 and ("ion exchanger" deioniz\$4 de-ioniz\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:52
S63	2	"2004172030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:53
S64	21	("20020076583"   "20020094467"   "20040101734"   "20040241511"   "20050026010"   "3321334"   "4192216"   "5366818"   "6635370"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:54
S65	41	S55 with (deioniz\$4 deionization dei-ioniz\$4 de-ionization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:58



S66	40	S65 not S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:58
S67	39	S66 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:58
S68	1	S66 not S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:58
S69	1495337	(exhaust recirculat\$4 unused recycl\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:59
S70	685	S69 near7 (deioniz\$4 deionization dei-ioniz\$4 de-ionization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:59
S71	641	S70 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:59
S72	44	S70 not S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 09:59
S73	88	("3012086"   "3172784"   "4037024"   "4631239"   "4684582"   "4729932"   "4795683"   "4826741"   "4826742"   "4973530"   "5047298").PN. OR ("5366818").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 10:00

S74	1	S58 and deioniz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:06
S75	0	integr\$4 with (("ion exchanger" deionizer de- ionizer)) with separator with gas\$4 with liquid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:18
S76	0	integr\$4 with (("ion exchanger" deionizer de- ionizer)) with separator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:18
S77	1	10/588604	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 10:19
S78	1	S77 and "flow resistance"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:19
S79	24	S55 with "flow resistance"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:20
S80	0	S77 and accomodating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:22
S81	1	S77 and accommodating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:22
S82	1	"06208852"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 10:26
S83	3	"06208852"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:26

S84	5	"06203845"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/03 10:27
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**EAST Search History (Interference)**

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